

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09758321 on June 18, 2002

12 375/222 (4 OR, 8 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

375/222 .Modems (data sets)

10 370/468 (3 OR, 7 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION

CARRIED IN PLURAL CHANNELS

370/465 .Adaptive

370/468 ..Assignment of variable bandwidth or time
period for transmission or reception

9 370/465 (2 OR, 7 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION

CARRIED IN PLURAL CHANNELS

370/465 ✓ .Adaptive

8 370/524 (0 OR, 8 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having
multiple packets

370/498 .Combining or distributing information via time
channels

370/522 ..Signaling (ancillary to main information)

370/524 ...Using a dedicated signaling channel (i.e.,
D-channel)

6 370/463 (4 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/463 .Details of circuit or interface for connecting
user to the network

6 370/522 (1 OR, 5 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having
multiple packets

370/498 .Combining or distributing information via time

channels

370/522 ..Signaling (ancillary to main information)

6 379/413 (1 OR, 5 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/399.01 SUBSCRIBER LINE OR TRANSMISSION LINE INTERFACE

379/413 .Power supply (e.g., battery feed)

5 370/467 (1 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
CARRIED IN PLURAL CHANNELS

370/465 .Adaptive

370/466 ..Converting between protocols

370/467 ...Conversion between signaling protocols

5 370/535 (1 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having
multiple packets

370/498 .Combining or distributing information via time
channels

370/535 ..Multiplexing combined with demultiplexing

5 370/545 (2 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having
multiple packets

370/498 .Combining or distributing information via time
channels

370/545 ..Conversion of rate from a single input to a
single output

5 379/93.17 (2 OR, 3 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.17 ..Having station display

4 358/442 (0 OR, 4 XR)

Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/400 FACSIMILE
358/442 .Facsimile system interface

4 370/230 (3 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL

370/230 .Control of data admission to the network

4 379/93.08 (0 OR, 4 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.08 ..Transmission scheme (e.g.,
compression/decompression, transmission rate)

4 455/260 (2 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/230 .Local control of receiver operation

455/255 ..Local oscillator frequency control

455/257 ...Automatic

455/258Utilizing particular local oscillator
control

455/259Reference oscillator or source

455/260Phase lock loop or frequency synthesizer

4 725/118 (0 OR, 4 XR)

Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS

725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
COMMUNICATION

725/118 .Transmission network

3 178/3 (1 OR, 2 XR)

Class 178 : TELEGRAPHY

178/2R SYSTEMS

178/3 .Automatic

3 358/468 (2 OR, 1 XR)

Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/400 FACSIMILE
358/443 ..Specific signal processing circuitry
358/468 ..Facsimile control unit

3 370/202 (0 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/202 AMPLITUDE COMPRESSION OR EXPANSION

3 370/343 (0 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/343 ..Combining or distributing information via
 frequency channels

3 370/352 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/352 ..Combined circuit switching and packet
 switching

3 370/359 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/357 ..Through a circuit switch
 370/359 ..Input or output circuit, per se (i.e., line
 interface)

3 370/389 (0 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 ..Switching a message which includes an address
 header

3 370/536 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/498 ..Combining or distributing information via time
 channels
 370/536 ..Demultiplexing single signal into plural
 parallel channels (e.g., parallel transmission for
 increasing transmission speed)

3 375/220 (1 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

375/220 .Transmission interface between two stations or
terminals

3 375/223 (1 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

375/222 .Modems (data sets)

375/223 ..Angle modulation

3 375/370 (2 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/362 .Frequency or phase control using synchronizing
signal

375/369 ..Start - stop

375/370 ...With asynchronous data ✓

3 375/377 (0 OR, 3 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/377 MISCELLANEOUS

3 379/93.33 (0 OR, 3 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.26 ..By voice frequency signal (e.g., tone code)

379/93.28 ...Modulated audio tone

379/93.31Protocol

379/93.33Having adjustable speed

3 439/676 (1 OR, 2 XR)

Class 439 : ELECTRICAL CONNECTORS

439/625 WITH INSULATION OTHER THAN CONDUCTOR SHEATH

439/626 .Plural-contact coupling part

439/660 ..Plural-contact coupling part comprises
receptacle or plug

439/676 ...Having push-pull-engaging contacts spaced
along planar side wall transverse to longitudinal

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engagement axis (e.g., telephone jack or plug)

3 455/422 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 .Zoned or cellular telephone system

3 455/441 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 .Zoned or cellular telephone system

455/436 ..Handoff

455/441 ...Based upon unit velocity

3 455/444 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 .Zoned or cellular telephone system

455/436 ..Handoff

455/444 ...Between macro and micro cells

3 455/509 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more
than two stations)

455/507 ..Central station (e.g., master, etc.)

455/509 ...Channel allocation

2 178/17C (0 OR, 2 XR)

Class 178 : TELEGRAPHY

178/2R SYSTEMS

178/3 .Automatic

178/17R ..Transmitters or recorders

178/17C ...Keyboard

2 235/380 (0 OR, 2 XR)

Class 235 : REGISTERS

235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS

235/380 .Credit or identification card systems

2 324/527 (0 OR, 2 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING

324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF
ELECTRIC COMPONENTS

324/512 .For fault location

324/527 ..By applying a test signal

2 327/156 (1 OR, 1 XR)

Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS

327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING

327/141 .Synchronizing

327/155 ..With feedback

327/156 ...Phase lock loop

2 331/17 (1 OR, 1 XR)

Class 331 : OSCILLATORS

331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE
OR FREQUENCY SENSING MEANS

331/17 .Particular error voltage control (e.g.,
integrating network)

2 332/103 (0 OR, 2 XR)

Class 332 : MODULATORS

332/103 PHASE SHIFT KEYING MODULATOR OR QUADRATURE
AMPLITUDE MODULATOR

2 340/310.02 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/286.01 SYSTEMS

340/310.01 .Signal over power line

340/310.02 ..Modulation technique

2 340/825.01 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/825 SELECTIVE

340/825.01 .Spare channel

2 341/143 (0 OR, 2 XR)

Class 341 : CODED DATA GENERATION OR CONVERSION

341/126 ANALOG TO OR FROM DIGITAL CONVERSION

341/143 .Differential encoder and/or decoder (e.g.,
delta modulation, differential pulse code modulation)

2 341/26 (2 OR, 0 XR)

Class 341 : CODED DATA GENERATION OR CONVERSION

341/20 BODILY ACTUATED CODE GENERATOR
 341/22 ..Including keyboard or keypad
 341/26 ..With particular key scanning feature

2 345/785 (2 OR, 0 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
 SYSTEMS

345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER
 INTERFACE)

345/764 ..On-screen workspace or object
 345/781 ..Window or viewpoint
 345/784 ...Window scrolling
 345/785Autoscroll

2 348/14.07 (0 OR, 2 XR)

Class 348 : TELEVISION

348/14.01 TWO-WAY VIDEO AND VOICE COMMUNICATION (E.G.,
 VIDEOPHONE)

348/14.07 ..Display arrangement (e.g., multiscreen
 display)

2 348/584 (1 OR, 1 XR)

Class 348 : TELEVISION

348/571 IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO
 TELEVISION

348/578 ..Special effects
 348/584 ..Combining plural sources

2 358/400 (1 OR, 1 XR)

Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/400 FACSIMILE

2 358/425 (1 OR, 1 XR)

Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/400 FACSIMILE
 358/425 ..Multiplex

2 370/276 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/276 DUPLEX

- 2 370/286 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/276 DUPLEX
 - 370/282 .Transmit/receive interaction control
 - 370/286 ..Echo suppression or cancellation

- 2 370/296 (2 OR, 0 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/276 DUPLEX
 - 370/296 .Convertible to half duplex

- 2 370/299 (0 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/298 LOW SPEED ASYNCHRONOUS DATA SYSTEM (E.G.,
TELETYPEWRITER SERVICE)
 - 370/299 .Data switching exchange

- 2 370/305 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/298 LOW SPEED ASYNCHRONOUS DATA SYSTEM (E.G.,
TELETYPEWRITER SERVICE)
 - 370/303 .Rotary distributor
 - 370/304 ..Synchronizer
 - 370/305 ...Start-Stop

- 2 370/338 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/338 ..Contiguous regions interconnected by a local
area network

- 2 370/353 (2 OR, 0 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/352 .Combined circuit switching and packet
switching
 - 370/353 ..Switching network having common elements to
handle both circuit switched traffic and packet switched
traffic

- 2 370/385 (0 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING
 370/357 ..Through a circuit switch
 370/360 ..Switching control
 370/384 ...Having a supervisory signaling feature
 370/385 Having a separate signaling network

2 370/392 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING
 370/389 ..Switching a message which includes an address
 header
 370/392 ..Processing of address header for routing, per
 se

2 370/400 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING
 370/389 ..Switching a message which includes an address
 header
 370/400 ..Having a plurality of nodes performing
 distributed switching

2 370/401 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING
 370/389 ..Switching a message which includes an address
 header
 370/400 ..Having a plurality of nodes performing
 distributed switching
 370/401 ...Bridge or gateway between networks

2 370/411 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING
 370/389 ..Switching a message which includes an address
 header
 370/411 ..Including sorting and merging networks

2 370/412 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING
 370/389 ..Switching a message which includes an address
 header
 370/412 ..Queueing arrangement

- 2 370/428 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/428 .Store and forward
- 2 370/431 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/431 CHANNEL ASSIGNMENT TECHNIQUES
- 2 370/460 (2 OR, 0 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 - 370/458 .Using time slots
 - 370/459 ..Having indication of idle or busy state of
time slot
 - 370/460 ...On ring or loop network
- 2 370/466 (2 OR, 0 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
CARRIED IN PLURAL CHANNELS
 - 370/465 .Adaptive
 - 370/466 ..Converting between protocols
- 2 370/474 (0 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/473 ..Transmission of a single message having
multiple packets
 - 370/474 .Assembly or disassembly of messages having
address headers
- 2 370/509 (0 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/473 ..Transmission of a single message having
multiple packets
 - 370/498 .Combining or distributing information via time
channels
 - 370/503 ..Synchronizing
 - 370/509 ...Using synchronization information contained
in a frame
- 2 370/538 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS

- 370/473 ..Transmission of a single message having multiple packets
- 370/498 .Combining or distributing information via time channels
- 370/537 ..Multiplexing plural input channels to a common output channel
- 370/538 ...Plural input channels of different rates to a single common rate output channel

2 375/141 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

- 375/130 SPREAD SPECTRUM
- 375/140 .Direct sequence
- 375/141 ..End-to-end transmission system

2 375/145 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

- 375/130 SPREAD SPECTRUM
- 375/140 .Direct sequence
- 375/141 ..End-to-end transmission system
- 375/145 ...Having specific signaling for code synchronization

2 375/240 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

- 375/240 BANDWIDTH REDUCTION OR EXPANSION

2 375/257 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

- 375/257 CABLE SYSTEMS AND COMPONENTS

2 375/260 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

- 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
- 375/260 .Plural channels for transmission of a single pulse train

2 375/261 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

- 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
- 375/260 .Plural channels for transmission of a single pulse train

375/261 ..Quadrature amplitude modulation

2 375/322 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/322 .Angle modulation

2 379/100.15 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/100.01 .To produce visual-graphic copy (e.g.,
facsimile)

379/100.15 ..Having switching to other communication modes

2 379/114.19 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/111 WITH USAGE MEASUREMENT (E.G., CALL OR TRAFFIC
REGISTER)

379/114.01 .Call charge metering or monitoring

379/114.15 ..Calling card

379/114.19 ...Credit card

2 379/165 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/156 MULTI-LINE OR KEY SUBSTATION SYSTEM WITH
SELECTIVE SWITCHING AND CENTRAL SWITCHING OFFICE CONNEC

TION

379/165 .Switching or supervision feature (e.g., common
control, digital)

2 379/22 (2 OR, 0 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT

379/22 .Of trunk or long line

2 379/22.02 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT

379/22 .Of trunk or long line

379/22.02 ..By analysis of injected tone signal

2 379/27.03 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT

379/27.01 .Testing of subscriber loop or terminal

379/27.03 ..By analysis of testing signal

2 379/344 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/338 REPEATER (E.G., VOICE FREQUENCY)

379/344 .Component processes bidirectional signals

2 379/395.01 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/387.01 SUBSTATION OR TERMINAL CIRCUITRY

379/395.01 .Power control or detection circuit

2 379/399.01 (2 OR, 0 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/399.01 SUBSCRIBER LINE OR TRANSMISSION LINE INTERFACE

2 379/88.17 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

379/88.17 .Interaction with an external nontelephone
network (e.g., Internet)

2 379/93.01 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

2 379/93.05 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.05 ..Terminal interface circuitry

2 379/93.09 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.09 ..Switching between different terminal types
(e.g., voice/data switch)

2 379/93.14 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.14 ..Having switching station

2 379/93.15 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.14 ..Having switching station

379/93.15 ...Having format conversion

2 379/93.25 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.17 ..Having station display

379/93.25 ...Having remote database (e.g., videotex
system)

2 379/93.29 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.26 ..By voice frequency signal (e.g., tone code)

379/93.28 ...Modulated audio tone

379/93.29Reconfigurable

2 400/100 (0 OR, 2 XR)

Class 400 : TYPEWRITING MACHINES

400/100 PLURAL-KEY-ACTUATED TYPEWRITER (E.G.,
PERMUTATIVE KEY-BOARD)

2 400/485 (0 OR, 2 XR)

Class 400 : TYPEWRITING MACHINES

400/472 KEY-BOARD OR KEY LEVER-ACTUATING MECHANISM

400/485 .Key-board having multiple-character,
multiple-movement keys

2 434/335 (1 OR, 1 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/322 QUESTION OR PROBLEM ELICITING RESPONSE

434/327 .Correctness of response indicated to examine
by self-operating or examinee actuated means

434/335 ..By means including electrical component

2 439/418 (1 OR, 1 XR)

Class 439 : ELECTRICAL CONNECTORS

439/387 CONTACT COMPRISING CUTTER (SEVERING, PIERCING,
ABRADING, SCRAPING, BREAKING OR TEARING)

439/389 .Insulation cutter

439/391 ..Conductor sheath piercing

439/418 ...Contact member cutting to contact first
conductor and contacting second conductor

2 455/127 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/127 .Power or bias voltage supply

2 455/407 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/405 .Usage measurement

455/406 ..Billing

455/407 ...At subscriber unit

- 2 455/409 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/405 .Usage measurement
 - 455/409 ..Rental

- 2 455/435 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422 .Zoned or cellular telephone system
 - 455/435 ..Registration

- 2 455/450 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422 .Zoned or cellular telephone system
 - 455/450 ..Channel allocation

- 2 455/517 (1 OR, 1 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 - 455/500 .Plural transmitters or receivers (i.e., more than two stations)
 - 455/507 ..Central station (e.g., master, etc.)
 - 455/517 ...To or from mobile station

- 2 455/557 (1 OR, 1 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)
 - 455/550 .Radiotelephone equipment detail
 - 455/557 ..Interface attached device (e.g., interface with modem, facsimile, computer, etc.)

- 2 455/72 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 - 455/68 .With control signal
 - 455/70 ..Receiver control signal originates at message transmitter
 - 455/72 ...For compression and expansion of message signal (i.e., companding)

- 2 455/76 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)
 - 455/75 .With frequency stabilization (e.g., automatic
frequency control)
 - 455/76 ..Synthesizer

- 2 709/229 (0 OR, 2 XR)
 - Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
 - 709/200 MULTICOMPUTER DATA TRANSFERRING
 - 709/227 .Computer-to-computer session/connection
establishing
 - 709/229 ..Network resources access controlling

- 2 709/231 (0 OR, 2 XR)
 - Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
 - 709/200 MULTICOMPUTER DATA TRANSFERRING
 - 709/230 .Computer-to-computer protocol implementing
 - 709/231 ..Computer-to-computer data streaming

- 2 725/114 (0 OR, 2 XR)
 - Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 - 725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
COMMUNICATION
 - 725/114 .Server or headend

- 2 725/119 (1 OR, 1 XR)
 - Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 - 725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
COMMUNICATION
 - 725/118 .Transmission network
 - 725/119 ..Having significant intermediate network unit
(e.g., hub, substation, etc.)

- 2 725/34 (2 OR, 0 XR)
 - Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 - 725/32 PROGRAM, MESSAGE, OR COMMERCIAL INSERTION OR
SUBSTITUTION
 - 725/34 .Specific to individual user or household